



كلية العلوم الطبية التطبيقية
Applied Medical Science Faculty



Department of Respiratory Care

Course Specification of Fundamental of Nursing I

Course No. (04 01 820)

2024/2025

Prepared by:

Dr.

Reviewed by:

Dr:

VI. Course Description:

This course builds on fundamental patient care skills and introduces advanced assessment, specimen collection, wound care, infection control, and medication administration procedures. Students will develop proficiency in comprehensive patient assessment, sterile techniques, and safe, effective interventions.

V. Course Content:

Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

Order	Topics List	WeekDue	Contact Hours
1	I. Infection Control Fundamentals	1	2
2	II. Aseptic Techniques	2	2
3	III. Specimen Collection	3-4	4
4	IV. Patient Assessment	5-6	4
5	Med-term exam	7	2
6	V. Interventions: ▪ Injections and medication administration ▪ Fluid, electrolyte, and acid-base balance (concepts) ▪ Inserting urinary catheters ▪ Inserting nasogastric tubes (NGT)	8-10	6
7	VI. Wound Care: ▪ Wounds: types, classifications, and the wound healing process ▪ Factors affecting wound healing and complications ▪ Wound care procedures: ○ Dressings ○ Suture care ○ Drainage management - Application of bandages, binders, splints & slings	11-14	8
8	Review	15	2
9	Final Exam	16	2
Number of Weeks /and Units Per Semester		16	32

B - Practical Aspect: (if any)			
S	Tasks/ Experiments	Number of Weeks	contacthours
1	Medical Asepsis Review and Hand Hygiene - Review handwashing techniques (simple, antiseptic). - Practice donning and doffing gloves.	1	2
2	Specimen Collection – Urine and Stool - Practice collecting midstream urine specimens (simulated). - Demonstrate proper collection of stool specimens.	2	2
3	Specimen Collection – Blood - Practice venipuncture on simulation arms. - Practice capillary blood draws (simulated).	3	2
4	Aseptic Technique and Isolation - Set up a simulated isolation room. - Practice donning and doffing full PPE for various isolation precautions.	4	2
5	Sterile Techniques - Practice setting up a sterile field. - Demonstrate handling of sterile instruments.	5	2
6	Wound Care Part 1 - Practice cleaning and dressing basic wounds (simulated). - Demonstrate bandage and sling application.	6	2
7	Wound Care Part 2 - Practice suture removal (simulated). - Demonstrate management of wound drainage systems.	7	2
8	Patient Assessment – Part 1 - أ- Practice a general survey and vital sign assessment on peers. - ب- Focus on head, neck, chest, and upper extremities assessment.	8	2
9	Patient Assessment – Part 2 Continue assessment practice, focusing on abdomen, back, lower extremities.	9	2
10	Injections Practice intramuscular and subcutaneous injection techniques on simulation models.	10	2
11	Urinary Catheterization Practice urinary catheter insertion using anatomical models.	11	2
12	Nasogastric Tube Insertion: Practice NGT insertion using anatomical models.	12	2
13	Medication Administration Review Practice medication calculations and safe administration techniques (simulated).	13-14	4
14	Mock Patient Care Scenarios * Combine skills from previous labs in comprehensive patient care simulations. Emphasize communication, teamwork, and infection control.	15	2
	Final lab- Exam		
TOTAL		15	30
Number of Weeks /and contact hours		15 weeks	30

VI. Teaching strategies of the course:

8. Lecture method
9. Practical Evaluation
10. Physical Assessment
11. Clinical exam
12. Brainstorming
13. Demonstration
14. Case study discussions

VI. Schedule of Assessment Tasks for Students during the Semester Theoretical part

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	
1	Attendance and Activities	15 th week	5	5%	
2	Student assignment	5 th and 12 th week	5	5%	
3	Mid-term exam	7th or 8th week	10	10%	
4	Final exam	16 th -17 th week	40	40 %	
Total Theory Weight			60	60%	